RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: *10/582,508*

Source: *JFWP*

Date Processed by STIC: *6/28/06*

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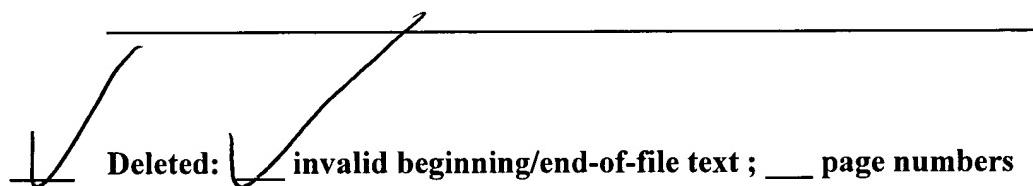
CRF Errors Edited by the STIC Systems Branch

Serial Number: 10 582,508

CRF Edit Date: 6/28/06
Edited by: 7CL

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

Revised 09/09/2003

RAW SEQUENCE LISTING   DATE: 06/28/2006
PATENT APPLICATION: US/10/582,508   TIME: 14:50:12

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\06282006\J582508.raw**

  3 <110> APPLICANT: Hisamitsu Pharmaceutical Co., Inc.; Chiba-Prefecture
  5 <120> TITLE OF INVENTION: Method for Determining Clinical Severity of FALS
  7 <130> FILE REFERENCE: FP04-0444-00WO-HM
C--> 9 **<140> CURRENT APPLICATION NUMBER: US/10/582,508**
C--> 10 **<141> CURRENT FILING DATE: 2006-06-09**
 12 <150> PRIOR APPLICATION NUMBER: JP 2003-413629
 13 <151> PRIOR FILING DATE: 2003-12-11
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
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 21 <212> TYPE: PRT
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 34 Arg Gly Gly Pro His Asp Gly Val Thr Ile Pro Arg Ser Thr Ser Asp
 35   35   40   45
 37 Thr Asp Leu Val Thr Ser Asp Ser Arg Ser Thr Leu Met Val Ser Ser
 38   50   55   60
 40 Ser Tyr Tyr Ser Ile Gly His Ser Gln Asp Leu Val Ile His Trp Asp
 41 65   70   75   80
 43 Ile Lys Glu Glu Val Asp Ala Gly Asp Trp Ile Gly Met Tyr Leu Ile
 44   85   90   95
 46 Asp Glu Val Leu Ser Glu Asn Phe Leu Asp Tyr Lys Asn Arg Gly Val
 47   100   105   110
 49 Asn Gly Ser His Arg Gly Gln Ile Ile Trp Lys Ile Asp Ala Ser Ser
 50   115   120   125
 52 Tyr Phe Val Glu Pro Glu Thr Lys Ile Cys Phe Lys Tyr Tyr His Gly
 53   130   135   140
 55 Val Ser Gly Ala Leu Arg Ala Thr Thr Pro Ser Val Thr Val Lys Asn
 56 145   150   155   160
 58 Ser Ala Ala Pro Ile Phe Lys Ser Ile Gly Ala Asp Glu Thr Val Gln
 59   165   170   175
 61 Gly Gln Gly Ser Arg Arg Leu Ile Ser Phe Ser Leu Ser Asp Phe Gln
 62   180   185   190
 64 Ala Met Gly Leu Lys Lys Gly Met Phe Phe Asn Pro Asp Pro Tyr Leu
 65   195   200   205
 67 Lys Ile Ser Ile Gln Pro Gly Lys His Ser Ile Phe Pro Ala Leu Pro

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71 225                   230                   235                   240
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74              245                   250                   255
76 Val Leu Glu Ile Glu Val Lys Asp Lys Phe Ala Lys Ser Arg Pro Ile
77              260                   265                   270
79 Ile Lys Arg Phe Leu Gly Lys Leu Ser Met Pro Val Gln Arg Leu Leu
80         275                   280                   285
82 Glu Arg His Ala Ile Gly Asp Arg Val Val Ser Tyr Thr Leu Gly Arg
83      290                   295                   300
85 Arg Leu Pro Thr Asp His Val Ser Gly Gln Leu Gln Phe Arg Phe Glu
86 305                   310                   315                   320
88 Ile Thr Ser Ser Ile His Pro Asp Asp Glu Glu Ile Ser Leu Ser Thr
89              325                   330                   335
91 Glu Pro Glu Ser Ala Gln Ile Gln Asp Ser Pro Met Asn Asn Leu Met
92              340                   345                   350
94 Glu Ser Gly Ser Gly Glu Pro Arg Ser Glu Ala Pro Glu Ser Ser Glu
95         355                   360                   365
97 Ser Trp Lys Pro Glu Gln Leu Gly Glu Gly Ser Val Pro Asp Arg Pro
98      370                   375                   380
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101 385                   390                   395                   400
103 Ile Thr Glu Ala Gly Asp Gln Gly Met Val Ser Val Gly Pro Glu Gly
104              405                   410                   415
106 Ala Gly Glu Leu Leu Ala Gln Val Gln Lys Asp Ile Gln Pro Ala Pro
107              420                   425                   430
109 Ser Ala Glu Glu Leu Ala Glu Gln Leu Asp Leu Gly Glu Glu Ala Ser
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115 Pro Leu Glu Glu Glu Ala Thr Thr Gln Ser Arg Ala Gly Arg Glu Glu
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127 Cys Gly Asp Pro Glu Thr Pro Arg Thr His Tyr Ile Arg Ile His Thr
128      530                   535                   540
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133 Glu Asp Gly Ala Glu Glu Glu Ser Thr Leu Lys Asp Ser Ser Glu Lys
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136 Asp Gly Leu Ser Glu Val Asp Thr Val Ala Ala Asp Pro Ser Ala Leu
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139 Glu Glu Asp Arg Glu Glu Pro Glu Gly Ala Thr Pro Gly Thr Ala His
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148 Pro Arg Gln Gly Gly Asp His Ser Cys Glu Gly Cys Asp Ala Ser Cys
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151 Cys Ser Pro Ser Cys Tyr Ser Ser Ser Cys Tyr Ser Thr Ser Cys Tyr
152             660             665             670
154 Ser Ser Ser Cys Tyr Ser Ala Ser Cys Tyr Ser Pro Ser Cys Tyr Asn
155         675             680             685
157 Gly Asn Arg Phe Ala Ser His Thr Arg Phe Ser Ser Val Asp Ser Ala
158     690             695             700
160 Lys Ile Ser Glu Ser Thr Val Phe Ser Ser Gln Asp Asp Glu Glu Glu
161 705             710             715             720
163 Glu Asn Ser Ala Phe Glu Ser Val Pro Asp Ser Met Gln Ser Pro Glu
164             725             730             735
166 Leu Asp Pro Glu Ser Thr Asn Gly Ala Gly Pro Trp Gln Asp Glu Leu
167             740             745             750
169 Ala Ala Pro Ser Gly His Val Glu Arg Ser Pro Glu Gly Leu Glu Ser
170         755             760             765
172 Pro Val Ala Gly Pro Ser Asn Arg Arg Glu Gly Glu Cys Pro Ile Leu
173     770             775             780
175 His Asn Ser Gln Pro Val Ser Gln Leu Pro Ser Leu Arg Pro Glu His
176 785             790             795             800
178 His His Tyr Pro Thr Ile Asp Glu Pro Leu Pro Pro Asn Trp Glu Ala
179             805             810             815
181 Arg Ile Asp Ser His Gly Arg Val Phe Tyr Val Asp His Val Asn Arg
182         820             825             830
184 Thr Thr Thr Trp Gln Arg Pro Thr Ala Ala Ala Thr Pro Asp Gly Met
185         835             840             845
187 Arg Arg Ser Gly Ser Ile Gln Gln Met Glu Gln Leu Asn Arg Arg Tyr
188     850             855             860
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191 865             870             875             880
193 Gly Ser Gln Ser Cys Glu Gln Ala Pro Ala Gly Gly Gly Gly Gly Gly
194             885             890             895
196 Gly Ser Asp Ser Glu Ala Glu Ser Ser Gln Ser Ser Leu Asp Leu Arg
197             900             905             910
199 Arg Glu Gly Ser Leu Ser Pro Val Asn Ser Gln Lys Ile Thr Leu Leu
200         915             920             925
202 Leu Gln Ser Pro Ala Val Lys Phe Ile Thr Asn Pro Glu Phe Phe Thr
203     930             935             940
205 Val Leu His Ala Asn Tyr Ser Ala Tyr Arg Val Phe Thr Ser Ser Thr
206 945             950             955             960
208 Cys Leu Lys His Met Ile Leu Lys Val Arg Arg Asp Ala Arg Asn Phe
209             965             970             975
211 Glu Arg Tyr Gln His Asn Arg Asp Leu Val Asn Phe Ile Asn Met Phe
212             980             985             990
214 Ala Asp Thr Arg Leu Glu Leu Pro Arg Gly Trp Glu Ile Lys Thr Asp
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Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\06282006\J582508.raw

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224             1045                1050                1055
226 Glu Ala Ser Glu Val Ser Arg Asn Arg Gly Ala Ser Leu Leu Ala Arg
227         1060                1065                1070
229 Pro Gly His Ser Leu Val Ala Ala Ile Arg Ser Gln His Gln His Glu
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232 Ser Leu Pro Leu Ala Tyr Asn Asp Lys Ile Val Ala Phe Leu Arg Gln
233     1090            1095                1100
235 Pro Asn Ile Phe Glu Met Leu Gln Glu Arg Gln Pro Ser Leu Ala Arg
236 1105            1110                1115                1120
238 Asn His Thr Leu Arg Glu Lys Ile His Tyr Ile Arg Thr Glu Gly Asn
239             1125                1130                1135
241 His Gly Leu Glu Lys Leu Ser Cys Asp Ala Asp Leu Val Ile Leu Leu
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245         1155            1160                1165
247 Phe His Pro Gly Tyr Ser Phe Ser Pro Arg Cys Ser Pro Cys Ser Ser
248     1170            1175                1180
250 Pro Gln Asn Ser Pro Gly Leu Gln Arg Ala Ser Ala Arg Ala Pro Ser
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253 Pro Tyr Arg Arg Asp Phe Glu Ala Lys Leu Arg Asn Phe Tyr Arg Lys
254             1205                1210                1215
256 Leu Glu Ala Lys Gly Phe Gly Gln Gly Pro Gly Lys Ile Lys Leu Ile
257         1220                1225                1230
259 Ile Arg Arg Asp His Leu Leu Glu Gly Thr Phe Asn Gln Val Met Ala
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265 Gly Glu Glu Gly Leu Asp Tyr Ser Gly Pro Ser Arg Glu Phe Phe Phe
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268 Leu Leu Ser Gln Glu Leu Phe Asn Pro Tyr Tyr Gly Leu Phe Glu Tyr
269             1285                1290                1295
271 Ser Ala Asn Asp Thr Tyr Thr Val Gln Ile Ser Pro Met Ser Ala Phe
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274 Val Glu Asn His Leu Glu Trp Phe Arg Phe Ser Gly Arg Ile Leu Gly
275     1315                1320                1325
277 Leu Ala Leu Ile His Gln Tyr Leu Leu Asp Ala Phe Phe Thr Arg Pro
278     1330            1335                1340
280 Phe Tyr Lys Ala Leu Leu Arg Leu Pro Cys Asp Leu Ser Asp Leu Glu
281 1345            1350                1355                1360
283 Tyr Leu Asp Glu Glu Phe His Gln Ser Leu Gln Trp Met Lys Asp Asn
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286 Asn Ile Thr Asp Ile Leu Asp Leu Thr Phe Thr Val Asn Glu Glu Val
287         1380                1385                1390
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296 1425              1430              1435              1440
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299            1445              1450              1455
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302            1460              1465              1470
304 Asp Trp Arg Asn Asn Thr Glu Tyr Arg Gly Gly Tyr His Asp Gly His
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311 1505              1510              1515              1520
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314            1525              1530              1535
316 Cys Ile Glu Lys Trp Gly Lys Ile Thr Ser.Leu Pro Arg Ala His Thr
317            1540              1545              1550
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329 <210> SEQ ID NO: 2
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335 <223> OTHER INFORMATION:
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348 tggggttgaa gaaagggatg tttttcaacc cagacccta tctgaagatt tccattcagc 660
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VERIFICATION SUMMARY   DATE: 06/28/2006
PATENT APPLICATION: US/10/582,508   TIME: 14:50:14

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Output Set: **N:\CRF4\06282006\J582508.raw**

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:337 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:335

IFWP

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RAW SEQUENCE LISTING                    DATE: 06/21/2006
PATENT APPLICATION:  US/10/582,508     TIME: 11:10:16

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         3 <110> APPLICANT: Hisamitsu Pharmaceutical Co., Inc.; Chiba-Prefecture
         5 <120> TITLE OF INVENTION: Method for Determining Clinical Severity of FALS
         7 <130> FILE REFERENCE: FP04-0444-00WO-HM
C-->     9 <140> CURRENT APPLICATION NUMBER: US/10/582,508
C-->    10 <141> CURRENT FILING DATE: 2006-06-09
        12 <150> PRIOR APPLICATION NUMBER: JP 2003-413629
        13 <151> PRIOR FILING DATE: 2003-12-11
        15 <160> NUMBER OF SEQ ID NOS: 4
        17 <170> SOFTWARE: PatentIn Ver. 2.1
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Does Not Comply
Corrected Diskette Needed

(pg. 1)

ERRORED SEQUENCES

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PATENT APPLICATION: **US/10/582,508**   TIME: 11:10:17

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Output Set: **N:\CRF4\06212006\J582508.raw**

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:337 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:335
L:466 M:254 E: No. of Bases conflict, this line has no nucleotides.